WHAT IS CLAIMED IS:

An animal litter comprising:

non-swelling particles; and

- a swelling agent coated on said non-swelling particles.
- An animal litter according to Claim 1 wherein said nonswelling particles are clay particles.
- An animal litter according to Claim 1 wherein said clay particles comprise agglomerated clay fines.
- 4. An animal litter according to Claim 3 wherein said clay fines have a size of about 50 mesh.
- An animal litter according to Claim 1 wherein said swelling agent is bentonite.
- An animal litter according to Claim 1 wherein said swelling agent is a powder.
- 7. An animal litter according to Claim 1 wherein said swelling agent has a size range of about 100 mesh to about 300 mesh.
- An animal litter according to Claim 7 wherein said swelling agent has a size of about 200 mesh.
- 9. An animal litter according to Claim 1 wherein said non-swelling particles have a size range of about -10 to about +50 mesh.
- An animal litter according to Claim 1 wherein said swelling agent is about 20% to about 40% by weight.
- 11. An animal litter according to Claim 10 wherein said swelling agent is about 25% to about 35% by weight.

 An animal litter according to Claim 11 wherein said swelling agent is about 28% by weight.

13. An absorbent material comprising:

clay particles in the range of -10 to +50 mesh; and

a coating for said particles, said coating comprising a bentonite powder.

- 14. An absorbent material according to Claim 13 wherein said particles are agglomerated from clay fines of about -50 mesh in size.
- An absorbent material according to Claim 13 wherein said coating comprises particles of about 200 mesh in size.
- 16. An absorbent material according to Claim 13 wherein said coating comprises particles in an amount of about 20% to about 40% by weight of said absorbent material.

17. A clumping animal litter comprising:

clay particles in the range of -10 to +50 mesh, said particles being agglomerated from clay fines of about -50 mesh in size; and

a coating for said particles.

- A clumping animal litter according to Claim 17 wherein said coating comprises a bentonite powder.
- A clumping animal litter according to Claim 17 wherein said coating comprises a bentonite powder and guar gum powder blend.
- A clumping animal litter according to Claim 17 wherein said coating comprises an odor control agent.

- A clumping animal litter according to Claim 17 wherein said coating comprises an anti-microbial agent.
- A clumping animal litter according to Claim 17 wherein said coating comprises particles with a size of about 200 mesh.
- A clumping animal litter according to Claim 17 wherein said clay particles comprise Calcium-Montmorillonite fines.
- 24. A clumping animal litter according to Claim 17 wherein said clay particles have a moisture content from about 20% to about 40% before being coated.
- 25. A clumping animal litter according to Claim 17 wherein said clay particles have a moisture content from about 28% to about 34% before being coated.
- 26. A clumping animal litter according to Claim 17 wherein said litter has a moisture content from about 5% to about 15%.
- A clumping animal litter according to Claim 26 wherein said litter has a moisture content of about 8%.
- A clumping animal litter according to Claim 17 wherein said coating is from about 20% to about 40% by weight of said litter.
- 29. A clumping animal litter according to Claim 28 wherein said coating is from about 25% to about 35% by weight of said litter.
- A clumping animal litter according to Claim 29 wherein said coating is about 30% by weight of said litter.
- A clumping animal litter according to Claim 17 wherein the clay fines are agglomerated in a pin mixer.

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32. A method for manufacturing a clumping animal litter comprising:

agglomerating clay fines into particles; and

coating the particles with a powder.

- 33. A method according to Claim 32 wherein agglomerating clay fines comprises agglomerating clay fines using a pin mixer.
- 34. A method according to Claim 32 wherein agglomerating clay fines comprises agglomerating a blend of clay fines and bentonite fines using a pin mixer.
- A method according to Claim 32 wherein agglomerating clay fines comprises agglomerating bentonite fines using a pin mixer.
- 36. A method according to Claim 32 wherein coating the particles comprises coating the particles with a bentonite powder.
- 37. A method according to Claim 32 wherein coating the particles comprises coating the particles with a bentonite powder and guar gum powder blend.
- 38. A method according to Claim 32 wherein coating the particles comprises coating the particles with a powder blended with a fragrance.
- 39. A method according to Claim 32 wherein coating the particles comprises coating the particles using at least one of a fluidized bed dryer, a semi-continuous centrifugal coater, and a rotary coating and drying system.
- A method according to Claim 32 further comprising drying the coated particles.
- 41. A method according to Claim 40 wherein drying the coated particles comprises drying the particles to a moisture content from about 5% to about 15%.

- 42. A method according to Claim 32 wherein coating the particles comprises applying a powder in an amount of about 20% to about 40% by weight of a coated particle.
- 43. A method according to Claim 42 wherein coating the particles comprises applying a powder in an amount of about 25% to about 35% by weight of a coated particle.
- 44. A method according to Claim 43 wherein coating the particles comprises applying a powder in an amount of about 28% by weight of a coated particle.
 - 45. A clumping animal litter comprising:

clay particles in the range of -10 to +50 mesh in size; and

bentonite powder of about 200 mesh, said powder applied as a coating to said particles in an amount of about 20% to about 40% by weight.

- 46. A clumping animal litter according to Claim 45 wherein said clay particles are agglomerated from clay fines of about -50 mesh in size.
- 47. A clumping animal litter according to Claim 45 wherein said bentonite powder is sprayed in a low concentration solution on said clay particles placed in a fluidized bed.
- 48. A clumping animal litter according to Claim 45 wherein said litter has a moisture content of about 5% to about 15%.
- A clumping animal litter according to Claim 48 wherein said litter has a moisture content of about 8%.
- 50. A clumping animal litter according to Claim 45 wherein said clay particles are agglomerated from a blend of clay fines and bentonite fines of about -50 mesh in size.

51. A clumping animal litter according to Claim 45 wherein said clay particles are agglomerated from bentonite fines of about -50 mesh in size.